

NCCAAPM 2006 Spring Meeting Agenda

Campus Club, Coffman Memorial Union 4th Floor, Univ. of MN – Minneapolis, MN

Friday, April 28, 2006

Integrating New Imaging Modalities

- 7:45 – 8:10 am** Registration and Continental Breakfast
- 8:10 – 8:15 am** Welcome, Introductions and Announcements
- 8:15 – 10:15 am** **Integrating New Imaging Modalities – 30-40 minute presentations**
Bruce Gerbi, PhD - Implementation and Oversight of New Technologies
Susanta Hui, PhD – Imaging and QA in TomoTherapy
Olivier Morin, PhD Candidate – UCSF Clinical Experience with Siemens MV CB CT
- 10:15 – 10:40 am** Coffee Break (Vendor display area)
- 10:40 – 12:00 noon** Raj Varadhan, MS - Clinical Implementation of IGRT with Elekta Synergy System
Don Roback, PhD - Clinical Implementation of IGRT with Varian Trilogy
Follow-up Questions/Answers
- 12:00 – 1:00 pm** **Lunch**
- 1:00 – 1:45 pm** **NCCAAPM Business Meeting**
- 1:45 – 2:15 pm** **Afternoon Session – 15 minute presentations**
Bruce Thomadsen, PhD – CAMPEP / MOC updates
"What Has 4 Walls and Goes up in 5 Days? - A New Concept in Treatment Vault Design."
Thomas Rhea, RAD-Technology
- 2:15 – 3:15 pm** **Young Investigator Presentations (12-15 minutes)**
1. "Energy response of LiF:Mg,Ti TLDs to moderately filtered x-ray spectra (20-250 kV) and Cs-137 in relationship to Co-60." - April A Nunn, Univ of Wisc.
2. "Extended Range CT value Analysis in MVCT Imaging & Therapy" - Mustafa Ozer, Univ of Minn.
3. "Development of an air-kerma strength calibration standard for a new ¹⁶⁹Ytterbium high dose rate brachytherapy source." - Jim VanDamme, Univ. of Wisc.
4. "An investigation of the effects of relatively large linac output variations on dose distributions for IMRT." - Ryan Flynn, Univ of Wisc.
- 3:15 – 3:30 pm** **Coffee Break (Vendor display area)**
- 3:30 pm** **Student Awards**
- 3:30 – 4:50 pm** **Final Presentations – 20-30 minute presentations**
Mary Ellen Jafari, MS – "Evaluation of Entrance Skin Dose from Cardiac Catherization and Interventional Radiology Procedures Using GAFChromic XR Type R Film"
Larry Reinstein, PhD – "A Practical Guide to the Application of RadioChromic Film and IMRT Plan Verification"
Yoichi Watanabe, Ph. D. – "3D Dosimetry with Polymer Gel (Gamma Knife)"
Followup Questions
- 4:50 pm** Meeting Conclusion
- Pre-Registration: Email Parham Alaei to register for this event at: alaei001@umn.edu
Other Contacts: eric.hendee@phci.org or tang.walter@mayo.edu
- Registration Fees: **\$10.00 US pre-register; \$15.00 US after April 21st**
Pre-registrations can be paid at the time of the meeting, please register early to help planning
- UofMN Directions: http://www.coffman.umn.edu/reservations/cmu_directions.php
- Parking info: "Daily Parking, Carpool and other public parking areas"
<http://www1.umn.edu/pts/parkingrates.htm> and <http://www1.umn.edu/pts/maps/ebcolr.htm>